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Date of Deposit: February 21, 2007

Attorney Docket No.: 28460-502-NATL

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Moshe Klaiman, *et al.*

ASSIGNEE: PAIEON, INC.

SERIAL NUMBER: 10/573,464

EXAMINER: Not Yet Assigned

FILING DATE: March 24, 2006

ART UNIT: Not Yet Assigned

FOR: **SYSTEM AND METHOD FOR THREE-DIMENSIONAL  
RECONSTRUCTION OF A TUBULAR ORGAN**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Transmitted herewith for filing in the present application are the following documents:

1. Information Disclosure Statement (2 pages);
2. Substitute for Form 1449A/PTO (3 pages), in duplicate;
3. Copies of Cited references 52-74;
4. Return Postcard.

The Commissioner is hereby authorized to charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. **50-0311**, Reference No. **28460-502-NATL**, Customer No. **35437**.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at 212/935-3000, New York, New York.

Dated: February 21, 2007

Respectfully submitted,

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**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby makes of record the documents listed on the enclosed substitute form 1449A/PTO (submitted in duplicate) in the above-identified application, which were first cited in a communication from a foreign patent office in a counterpart application or other application not more than three months prior to the filing of the attached statement. The order of presentation of the reference should not be construed as an indication of the importance of the reference.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the above-identified case. Accordingly, no fee or certification is required. 37 C.F.R. §1.97.

Under 37 CFR § 1.98 (a)(2)(i), copies of the cited U.S. patents and U.S. publications are not enclosed. Under 37 CFR § 1.98(a)(2), copies of the foreign and non-patent literature documents are enclosed as indicated on the attached substitute form 1449A/PTO. It is respectfully requested that the Examiner consider the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed form 1449A/PTO to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

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By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested. Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 28460-502-NATL, Customer No. 35437.

Respectfully submitted,



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Dated: February 21, 2007



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b> Application Number: 10/573,464 Filing Date: March 24, 2006 First Named Inventor: Moshe KLAIMAN et al. Art Unit: Examiner Name: Attorney Docket Number: 28460-502-NATL	
Sheet	1	of	3		
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-5,583,902	12-10-1996	BAE	
	2	US-6,505,064	1-7-2003	LIU ET AL	
	3	US-6,047,080	4-4-2000	CHEN ET AL	
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	50	US- 3,357,550	9-9-1992	ASAHINA ET AL	
	51	US- 5,978,439	2-5-1998	KOPPE ET AL	

#### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Documents	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	52	WO 2005/020148	3-3-2005	PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH; KONINKLIJKE PHILIPS EL		
	53	WO 96 25881	8-29-1996	UNSGAARD GEIRMUND; OLSTAD BJOERN; GROENNINGSATER AAGE		
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	57	DE 100 47 314	4-5-2001	SIEMENS CORP RES INC		
	58	EP 0 885 594	12-23-1998	MEDINOL LTD		
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	60	WO 2005/008583	1-27-2005	PAIEON, INC; ZARKH, MICHAEL; KLAIMAN, MOSHE		
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	65	WO 03/096884	2-19-2004	JESBERGER ET AL		
	66	RU 2,119,765	10-10-1988	VAGNER ET AL		
Examiner Signature					Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Application Number	10/573,464
				Filing Date	March 24, 2006
				First Named Inventor	Moshe KLAIMAN et al.
				Group Art Unit	
				Examiner Name	
Sheet	3	174.1038	3	Attorney Docket Number	28460-502-NATL
<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	67	PENNEY G P ET AL "A Comparison of Similarity Measures for Use in 2-D-3-D Medical Image Registration" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, Vol. 17, No. 4. Pages 586-595			
	68	RUSSAKOFF D B ET AL "Intensity-based 2D-3D spine image registration incorporating a single fiducial marker" ACADEMIC RADIOLOGY, RESTON, VA, US, Vol. 12, No. 1. Pages 37-50			
	69	SRIHARI R ET AL "Image background search: combining object detection techniques with content-based image retrieval (CBIR) systems" CONTENT-BASED ACCESS OF IMAGE AND VIDEO LIBRARIES, 1999. (CBAIVL '99). PROCEEDINGS. IEEE WORKSHOP ON FORT COLLINS, CO, US, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 1999, Pages 97-101			
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	71	CLOSE R A ET AL "Accuracy Assessment of Layer Decomposition Using Simulated Angiographic Image Sequences" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE SERVICE CENTE, PISCATAWAY, NJ, US, Vol. 20, No. 10. Pages 990-998			
	72	NELSON T R ET AL "Three-dimensional ultrasound imaging" ULTRASOUND IN MEDICINE AND BIOLOGY, NEW YORK, NY, US, Vol. 24, No. 9. Pages 1243-1270			
	73	BANKMAN I "Handbook of Medical Imaging Progressing and Analysis" 2000, ACADEMIC PRESS, SAN DIEGO, LONDON. Pages 359-374			
	74	Garreau M et al. "A knowledge-based approach for 3-D reconstruction and labeling of vascular networks from biplane Angiographic projections" IEEE transactions on medical imaging, US, IEEE inc. Vol.10, No. 2			
Signature				Considered	

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<sup>1</sup>. Applicant's unique citation designation number (optional). <sup>2</sup>. Applicant is to place a check mark here if English language Translation is attached.

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